buffer 108. Reference numerals 148 to 152 denote first headers, each one byte long, appended at the header appending circuit 111. Reference numerals 153 and 154 denote second headers, each two bytes long, appended at the header appending circuit 111.

IN THE CLAIMS:

Please amend claim 6 as follows:

6. (Amended) A digital VTR for magnetically recording and replaying digitally transmitted bit stream in a predetermined recording format, comprising:

division number setting means, responsive to a bit stream input, for setting the division number N into sync blocks that form the recording format, wherein N is an integer;

a predetermined number M of transport packets as a unit, wherein M is an integer and N is not equal to M;

header appending means for appending, to data of the bit stream before the division, a header indicating the transport packet; and

format forming means for forming N consecutive sync blocks from the data after the division of the bit stream.

7. (Amended) A digital VTR for magnetically recording and replaying a digitally transmitted bit stream in a predetermined recording format, comprising:

decoding means for decoding the content of data of an input bit stream;

data extracting means for extracting a series of encoded data used for fast replay, based on the decoded data; and

data reducing means for reducing the data amount of the extracted encoded data to a data amount which can be recorded in K sync blocks in said predetermined format, wherein K is a positive integer.

Please add the new claims as follows:

19. (New) A digital VTR as set forth in claim 7, further comprising:

detecting means for detecting intra-picture data in the input bit stream;

forming means for forming fast replay data from the intra-picture data;

wherein the header appending means appends a first header for discriminating the fast replay data from normal replay data, and a second header for discriminating, within said normal replay data, the intra-picture data and non-intra-picture data from each other; and

recording means for recording the fast replay data together with the normal replay data on a magnetic recording medium.

20. (New) A digital VTR as set forth in claim 19, further comprising:

replay means for replying normal replay data, together with fast replay data from the magnetic recording medium;

separating means for separating the normal replay data, by checking the second header appended to the normal replay data selected by the separating means; and

storage means for storing the intra-picture data, by checking the second header appended to the normal replay data selected by the separating means; and

switching means for selectively outputting the normal replay data or the intra-picture data stored in the storage means, depending on whether the replay mode is the normal replay or the still replay.

21. (New) A digital VTR as set forth in claim 19, further comprising:

replay means for replaying normal replay data together with the fast reply data from the magnetic recording medium;

separating means for separating the normal replay data, by checking the first header appended to the reply data from the magnetic recording medium;

storage means for storing the intra-picture data, by checking the second header appended to the normal replay data selected by said separating means; and

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switching means for selectively outputting the normal replay data or the intra-picture data stored in the storage means, depending on whether the replay mode is the normal replay or the slow replay.

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22. (New) A digital VTR as set forth in claim 19, further comprising:

replay means for replaying normal replay data together with the fast replay data from the magnetic recording medium;

separating means for separating the fast replay data from the normal replay data, by checking the first header appended to the replay data from the magnetic recording medium; and

switching means for selectively outputting the normal replay data or the high-speed data, depending on whether the replay mode is the normal replay or the fast replay.